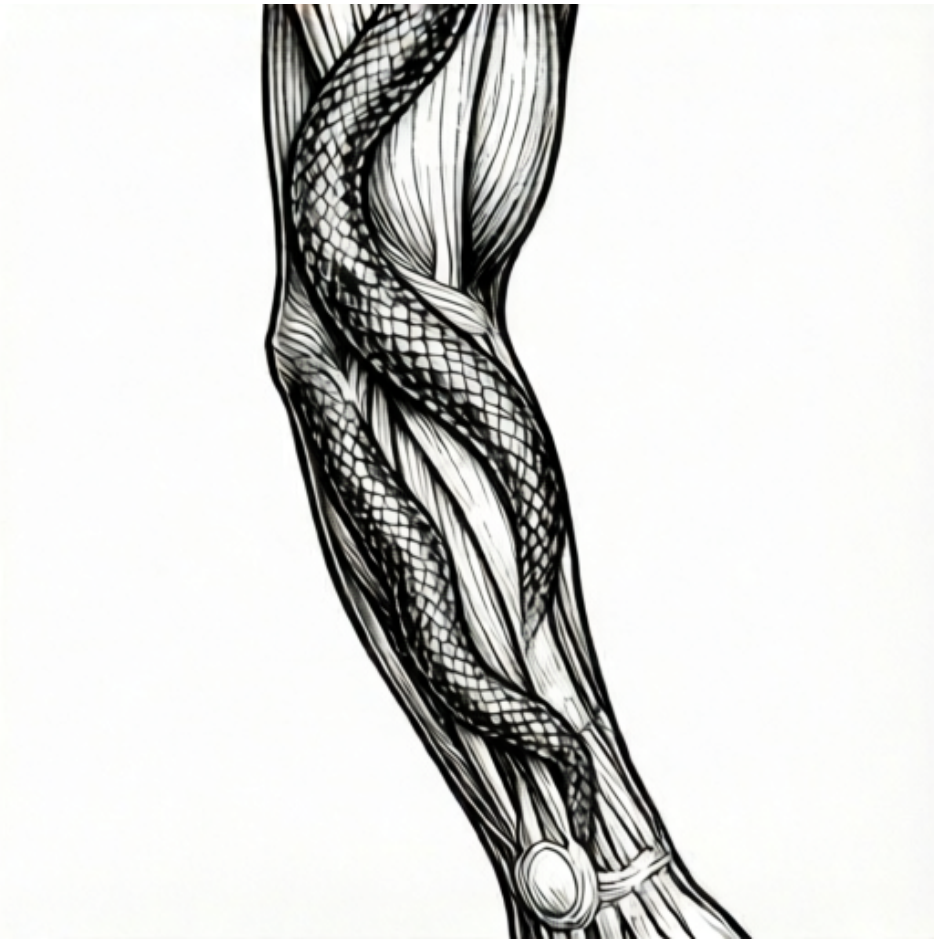
Mapping Snake-Scale Bands onto a Human Arm or Leg

Topic reference / ordinary illustration



Ordinary topic reference. Hypothetical dimensions in the four tasks are supplied in their own text; this illustration is not their measured answer.

Mapping Snake-Scale Bands onto a Human Arm or Leg

Worked example / complete source key

A leg outline has a thigh cross-section width of 90 mm at the top and 60 mm at the knee. You plan six bands on the thigh. Using the hypothetical average width, what is the approximate band interval, and how do you check it?

Answer: Average width is (90 + 60) / 2 = 75 mm. Interval is 75 / 6 = 12.5 mm. Check: 12.5 mm × 6 = 75 mm, matching the average width. These values are hypothetical examples.